LIST C	DF SEQUENCES	
<110>	UNIVERSITE DE LA MEDITERRANEE (Aix-Marseille II)	,
	Single stranded oligonucleotides, probes, primers and method for the detection of spirochetes	
<160>	8	
<170>	PatentIn Ver. 2.1	
<210>	1	
<211>		
<212>		
<213>-	Artificial sequence	
<220>		
	Description of the artificial sequence : primer n°1	
<400>		
cttggr	nccng gnggactttc	20
-010-		
<210>		
<211><212>		
<213>	Artificial sequence	
<220>		
<223>	Description of the artificial sequence : primer n°2	
<400>	2	
		21
<210>	3	
<211>		
<212>		
<213>	Artificial sequence	
<220>		
<223>	Description of the artificial sequence : primer n°3	
<400>	3	
gggtgr	nattt tntcatcnac	20
<210>	4	
<211>	17	
<212>	DNA	
<213>	Artificial sequence	
<220>		
<223>	Description of the artificial sequence : primer n°4	
<400>	4	
		17
-		
<210>	5	
<211>		
<212>		
<213>	Leptospira biflexa	
<400>	5	

gctgatatta agaaaaact ncgaaggtnt tgggnctcaa gtagaagttg ctggctgccc 60 ggttaatcgg ttgcccaatt tttaaaccca gtcttcaaaa acttagaggc agggaggccg 120 taggogtoco cacctotatt ttttogttta toataccato tattattttg acgtototag 180 ggagagtatt ccatgcatac ccgaatgcaa attagaaacc gggtaaattt cggtaaaatt 240 accgacctca atttacttcc taatcttatc tacgtacaga aaaaatcctt tgattggttc 300 ctccagtcgg aagtgaaaga tccgacgaaa cgtttgaacc.aagggttgga agcggtattc 360 cgcgaatcat tcccaatcga atcaccaaac aacgatatgg tcatggaata tggccattac 420 gttttgggag agccgaaacg cgatccccaa gagtgcaaag acactgattc ttcttttgct 480 gttccactga aagcagtcat ccgtctcatc atcaaagaca ccggtgaaat ccgcgaacaa 540 gtcgtctaca tgggtgacct tcctgtgatg acagaccacg gaactttcat catcaatggt 600 gccgaaaggg tagtggtaag ccagttacac cgatctcctg gtattttctt ttcgtatgac 660 caagtacgag atacattttc tgcccgagtg attccttatc gtggatcatg gttagaattc 720 gagatggaca acaagggaat cctcgttgcc aaaatcgacc gtaaqaaaaa attcccaqcq 780 actotoctty tyaaagcoat gygtatygga acaaacgaag aagtacttcy cottttctac 840 ggatctagca aaatgaaaat cgctggtgcc aatccaaaag acctcaaacg tctgattggc 900 cgccgaacca ttgcggatat tatcaatatg gaaaccggtg aggtaatgct cgatgctggt 960 tccaaaatta acgaagacaa tatctccatc cttcgtgaaa tgaaggtaaa agaagtggat 1020 gtcatcgaat ttccaaaagg aaaagacaat ccagttctca tcaattgcct agaaaaagac 1080 ggagtgaacg actacgagga tgcagtgaaa aaatttcaca cgatcatgcg tccaggggaa 1140 cettetacga ttgaaaacge ggaagetgag ttaaaacgee tettttete tecaaaaacg 1200 tttgatttag gaattgttgg tcgttacaaa atcaatagca aattcgagtt caacaatcca 1260 aaagaattct caaaagcaga tgatcgggtt ctccgaaaac aagacatcat cgaaaccgtt 1320 cgttaccttg tgatgcttat gtcagaagcg gaaaattatt acccagatga cattgaccac 1380 ttaggaaaca gaaggatccg ttcggtgggg gaactcatcg ctaaccaatt gaaacttggt 1440 ttttccagag tggaacgagt catcaaagaa aggatgacag tacaggagcc ggaacaacaa 1500 actcctcagc ttcttatctc catcaaacca atcacagcag tgatcaatga gttttttgga 1560 tettegeaac teteteagtt tatggaccaa accaateett tggcagaact tacgcacaaa 1620 cgtaggttaa acgctcttgg gcctggtgga ctttctcgtg atagagcagg ttttgaggtt 1680 cgtgacgttc attattctca ctacggtcgt atgtgcccca ttgaaacacc ggaaggtcca 1740 aacattggtc tcattctttc catgtctagt tttgcacgtg tgaacgatta tggattcatt 1800 gaaactccat accgccttgt aaagaatgga aaagtccaaa aacaagtgga atacctcact 1860 gcggacaaag aagaatacca ttatatggcg cagtcaaatt cgactgtgga tgagaaggga 1920 gaattcactt ccaaactcat ttccactcgt catagagggg atttcccttt ccgtagccca 1980 gctgaaatcc aatacatgga tcttgctccc ttgcaagtgg tctcagtttc cacagctctc 2040 attecettet tagaacatga tgacgcgaac cgtgccctca tgggttccaa catgcaacgc 2100 caageggtae cactettaac agaagagget cettttgteg gaactggtat ggaagetegt 2160 geggettatg aegeaggggt ttgtategtt gegaaaaaag atggtgtggt ttecaaagtg 2220 gatgcaacag gtgtttggat caaagaagac caatccaaag agattgtcca ttacccactc 2280 attaaattca aaaaaaccaa ccaaggtact tgttttaacc aaaaaccaaa cgtatccatg 2340 ttacacacca caactggtgg caaggtaagt aaggtttcga aagaacgtgt cgaagtgaca 2400 actectaacg gagaaaaaga aacteatgaa ettettettt etgatgaagt teagtteeat 2460 gctgttgtca aagaaggaca agaggtagga attggagctc cagttgccgg acaaatcatc 2520 aaaggggaaa aatacggtga cttcggtcag atccttcaaa aaggaactgt cctagccaac 2580 gggccatcca ctgacgctgg gtatttggca cttggacgaa atgttctcgt tgcctttatg 2640 ccttgggaag gatacaactt tgaggatgcg attttaattt ctgaacgaat catcaaagac 2700 gatgttttct cttccatcca cattgaagaa ttcgaaatcc aagctcggga aacgaaactc 2760 ggacaagaac aaatcactcg tgacattcca aacctttcgg acaaagcgtt ccgtgatttg 2820 gatgagtctg gtgtgatccg tgtgggtgca gaggtaaaac ctggagacat cctagttggg 2880 atggtgactc caaaagggga aacagacctc acacctgaat acaaactatt acactccatt 2940 tttggagaga aggcaaaaga agttagggat tcctcactcc gtatgccaaa cggtttcgaa 3000 ggaactgtca tcgatatcaa acgttattcc cgtgaaacag gcgatgaact cgctgctggc 3060 gtggaagaaa tggtaaaagt ttacgtggct cgcaaacgga aactcctcgt gggtgataag 3120 atggccggaa gacacgggaa caaaggggtc gtagcacgtg tgatggcaca agaagatatg 3180 ccatacatgg aagacggatc tccagttgac atcgtactca acccactcgg tgttccttcg 3240 cgtatgaacc tcggtcagat ctttgaaact caacttggat ttgctgcaaa aaaactaggg 3300 atcaattttg aaacccctgt gtttgacgga gcttccgaag gtgatgtaaa cgatttctgc 3360 aaaaaagcag gattaccgga aaacagcaaa tttcagttat atgatggaag gactggtgaa 3420 aaattcatca accaagtatt ctgtggatac atttacatgt tgaaactggc tcacttggtg 3480 gatgacaaaa ttcacgcaag atccactgga ccttactcac tcgtaacaca acaaccactg 3540 ggtggtaagg cgcagttcgg gggacaaagg ttaggggaga tggaagtttg ggcactcgaa 3600 gcatacggtg cctcacacac cttacaagaa ttactgacca tcaagtcaga tgacatgctc 3660

```
ggacgtgcca gaatttacga agcaattgtg aaagggatcc actcgatcaa accgggtatc 3720
cctgaatcct tcaacgttct tgtacaagaa ctccgaggtc tcgcacttga tatcatcatc 3780
aaagactccg aaggattgga agtggatatc tctgattacg aagatgagtt ctcgaaaaac 3840
aaaaagaaaa ttaaattcga gaccattgaa aacgtt
                                                                   3876
<210> 6
<211> 914
<212> DNA
<213> Leptospira icterohaemorragiae
<400> 6
ttcactattc tcactacggt agaatgtgtc cgattgaaac tccggaaggt ccgaacatcg 60
gtctgattct ttccatgtct tcttacgctc gtgtgaatga ctacggattc ttggaaactc 120
cttacagaac cgtgaagaac ggtaaagtta ccggtcagat cgagcacctt accgcagaca 180
aagaagaata tcattacatc gctcaagctt ccggcgtgat cgatgaaaaa ggcgagctca 240
aaaacaaatt gatttccacg cgtcacagag gggatttccc tttccgtaac ccgagcgaga 300
ttcagtatat ggacttggck cctctacaag tcgtttcggt ttccacggcg ctgattccgt 360
tccttgaaca cgacgacgcg aaccgcgcct catgggttcc aacatgcaac gtcaggcggt 420
tcctcttctc cgtgaagaag ctcttttgta ggaactggta tggaaaccag agccgcttac 480
gattccagaa tttgtatcgt aaacaaacac gacggtgtcg taacttccgt cgatgcggaa 540
aacatcgttg tagaaagaaa gggcggaaaa gaatccgata cgtatcaact tacgaaattc 600
aaaaagacaa accaaggaac tgctttaatc agaagccgat tgtaggagtg gttcactccg 660
agatcaatgg aaaggtttcc aaggtttcca aagaaaaaat cgaagtcact ggtgaaaacg 720
gtgaactgaa agaatatgtt etteaaateg gaageaaaea atatteteeg ategtetetg 780
caggcgaaga agtaaaaaga ggatcgactc tcgcaggaca agttgttgta ggtgagaagt 840
tggatgagat gggaaatatc ctcgtaaaag gaaccgttct tgctgatggt cctgcggtcg 900
acaacggagt tctc
<210> 7
<211> 949
<212> DNA
<213> Leptospira australis
<400> 7
gtgacgttca ctattctcac tacggtagaa tgtgtccgat tgaaactccg gaaggtccga 60
acateggtet gattettee atgtettett acgetegtgt gaatgaetae ggattettgg 120
aaactcctta cagaaccgtg aagaacggta aagttaccgg tcagatcgag caccttaccg 180
cagacaaaga agaatatcat tacatcgctc aagcttccgg cgtgatcgat gaaaaaggcg 240
ageteaaaaa caaattgatt teeaegegte acagagggga ttteeettte egtaaeeega 300
gcgagattca gtatatggac ttggctcctc tacaagtcgt ttcggtttcc acggcgctga 360
ttccgttcct tgaacacgac gacgcgaacc gcgccctcat gggttccaac atgcaacgtc 420
aggeggttee tettettegt gaagaagete ettttgtegg aaceggtatg gaaaceagag 480
ccgcttacga ttccagaatt tgtatcgtaa acaaacacga cggtgtcgta acttccgtcg 540
atgcggaaaa catcgttgta gaaagaaagg gcggaaaaga atccgatacg tatcaactta 600
cgaaattcaa aaagacaaac caaggaacct gctttaatca gaagccgatt gtaggagtgg 660
ttcactccga gattaacgga aaggtttcca aggtctccaa agaaaaaatc gaagtcactg 720
gtgaaaacgg tgaactaaaa gaatatgttc ttcaaatcgg aagcaaacaa tattctccga 780
tegteteege aggegaagaa gtaaaaegag gategaetet egeaggaeaa gttgttgtag 840
gtgagaagtt ggatgagatg ggaaatatcc tcgtaaaagg aaccgttctt gctgatggtc 900
ctgcggtcga caacggagtt ctcgctctgg gaagaaacgt tctcgcggc
                                                                   949
<210> 8
<211> 800
<212> DNA
<213> Borrelia recurrentis
<400> 8
aagggatcga gcagctttga agtaagatat gtacattata cccattatgg taggatgtgt 60
cctattgaaa ctcctgaagg cccaaatatt ggacttattg tttctttggc tacttattca 120
aaagttaatg attatggttt cttagaaact ccttatagga aggtgattga tggtaaggtg 180
accgatgata ttgaatattt gtctgctatt gatgaggaaa aaaaatgtat tgcgcaagca 240
```

aatgcttctg	ttagttctga	tggtaattat	actgatgatt	tggtgtctgt	taggatttct	300
ggggattata	ctacaatgat	gcctaaaaat	atcgattaca	tggatgtttc	gcctagacaa	360
ttaatatctg	tctcttcggc	gttaatactt	ttcttgaaca	taatgatgca	aatcgtgctc	420
ttatgggttc	gaatatgcaa	cgtcaggcag	ttcttattat	ttccacagcc	acctattgtt	480
ggtacaggta	tggagaggat	agttgcaaaa	gactctggtg	ttgttattaa	agcaaaaaga	540
cctggtagag	ttgtcttagc	cacaaacaaa	aagatagtta	ttaaacctga	taatgcaact	600
tctgaacgag	atttagatga	atatgaactt	tataaatatg	agaggacaaa	ccaggatact	660
tctttcaatc	attcagtttt	ggtgaagaat	ggccaaattg	ttaataagga	tgagataata	720
gcagatggtc	ctgctactag	atatggagaa	ttggcgcttg	gtaataattt	attagttgtt	780
ttattccgtg	gaatggattt					800